



PROJECT: Chicago Shoreline, Illinois

AUTHORIZATION: Water Resources Development Act (WRDA) 1996 and WRDA 1999

TYPE: Storm Damage Reduction/ Shore Protection - Construction

PROJECT DESCRIPTION: This project provides storm damage protection to the Lake Michigan shoreline, and in particular to Lake Shore Drive a major transportation artery, in the City of Chicago. The existing shoreline structures, built in the early 1900s, have deteriorated and no longer function to protect against storms, flooding, and erosion. Construction features of the project include: **Reach 2** - steel sheet pile and concrete stair-step revetment from Wilson Avenue to Fullerton Ave; **Reach 2F** - beach nourishment with attached breakwater at Fullerton Ave; **Reach 3** - steel sheet pile and concrete stair-step revetment at Solidarity Drive; **Reach 3M** - rubblemound revetment at Meigs Field; **Reach 4** - steel sheet pile and concrete stair-step revetment from approximately 23rd Street to 57th Street, with beach stabilization at 31st Street and 39th Street; **Reach 5** - reconstruction of the breakwater at the South Water Purification Plant. Project construction is scheduled for completion in 2005.

CURRENT STATUS: The Water Resources Development Act of 1996 authorized reimbursement for the nonfederal sponsors to perform construction of the breakwater at the South Water Purification Plant in Reach 5, completed in December 1998. The Water Resources Development Act of 1999 authorized reimbursement for the revetment at Reach 3, Solidarity Drive, completed in August 1998. The Reach 3 reimbursement is in the form of credit toward the non-Federal cash contributions for the remainder of the project.

There are three executed Project Cooperation Agreements for this project. One for the Reach 5 breakwater executed in April 1997, one for Section 215 work, executed on 7 August 1998, which covers construction of three portions of the project: 1,000 feet of revetment at Belmont Harbor in Reach 2, 31st Street beach stabilization in Reach 4 (both of these to be constructed by the nonfederal sponsor), and revetment from 31st to 33rd streets in Reach 4 (Corps work). A Project Cooperation Agreement for the balance of the project work was executed on 17 May 1999 and design and construction is underway.

PLANNED WORK:

FY 01

Continue construction in Reaches 2 and 4

Complete plans and specifications and award construction for Reach 2, Diversey to Fullerton and Reach 4, 37th to 43rd Street.

Award construction of Reach 2, Belmont to Diversey (following resolution of Gun Club lead by the sponsors)

Continue oversight of local sponsor work.

PROJECT COSTS:

Total Project Cost	\$301,000,000
Federal Cost	173,000,000
Non-Federal Cost	128,000,000

BENEFITS: Average annual benefits: \$71,209,000; Benefit-to-cost ratio: 3.7

LOCAL SPONSORS: City of Chicago; Chicago Park District

CONTRACTORS: Reach 4, I55 to 30th Street - American Marine Constructors, Reach 4, 33rd to 37th - Rausch Construction, Reach 2, Irving to Belmont - Bowles Construction; Local Sponsor work: Reach 4, 51st to 54th Street - Baker Heavy and Hwy

PROJECT MANAGER: Joanne Milo